Do/ze/Du Class Subclass ISSUE CLASSIFICATION	U.S. ŲTI I	LITY Pater	nt Applic	ation	PATENT NUMBER	
	SCANNED A	0.I.P.E.	TV	PATENT DATE		
APPLICATION NO. O9/648523 F St. Toshio Nishimura	310	SUBCLASS 32	ART UN 2834			
Thickness extens ladder-type filt	er, and pis	ezoelectr: ·	ic reso	nator compone	onator, ent PTC-2040 12/99	
ISSUING CLASSIFICATION						
ORIGIN L CLASS SUBCLA				REFERENCE(S) DNE SUBCLASS PER BLOCK)		
	JU JUNGO		<u> </u>		1 1	
INTERNATIONAL CLASSIFICA	FION					
			 	 		
			+			
				Continued on Issue Sli	p Inside File Jacket	
		<u> 11 · </u>				
TERMINAL	DRAWINGS			CLAIMS ALLOWED		
DISCLAIMER	Sheets Drwg. Figs. Drwg. Print Fig.		Total Claims Print Claim for O.G.			
The term of this natural		<u> </u>		NOTICE OF ALL	LOWANCE MAILED	
L The term of this patent subsequent to (date has been disclaimed.	and the second s	(Assistant Examiner) (Date)			To the first of the second	
not extend beyond the expiration date of U.S Patent. No	, 			lce	UE FEE	
				Amount Due	Date Paid	

(Primary Examiner) ISSUE BATCH NUMBER ☐ The terminal ____months of this patent have been disclaimed. (Legal Instruments Examiner) (Date) WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. Form PTO-436A (Rev. 6/99) FILED WITH: DISK (CRF) FICHE CD-ROM (Attached in pocket on right inside flap)